CRITICAL PATH ROADMAP DISCIPLINE(S)	PRIMARY SPECIES / TYPE	SPACE FLIGHT EXPERIMENT TITLE	NASA OBPR - TASK BOOK Year Experiment Was Listed in Book							
			1995	1996	1997	1998	1999	2000	2001	2002
Neurovestibular Adaptation	Animal	Adaptation to Microgravity of Oculomotor Reflexes	**1995**	**1996**						
Neurovestibular Adaptation	Animal	An Experiment to Study the Role of Gravity in the Development of the Optic Nerve	**1995**	**1996**						
Neurovestibular Adaptation	Animal	Anatomical Studies of Central Vestibular Adaptation	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**
Neurovestibular Adaptation	Animal	Anatomical Studies of Central Vestibular Adaptation-Neurolab Completion Experiment								**2002**
Neurovestibular Adaptation	Animal	Chronic Recording of Otolith Nerves in Microgravity	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**		
Neurovestibular Adaptation	Animal	Development and Function of the Avian Otolith System in Normal and Altered Gravity Environments (This Task began in FY2000)					**1999**	**2000**	**2001**	**2002**
Neurovestibular Adaptation	Animal	Development of Vestibular Organs in Microgravity	**1995**	**1996**	**1997**	**1998**	**1999**			
Neurovestibular Adaptation	Animal	Effect of Microgravity on Afferent Innervation	**1995**	**1996**	**1997**	**1998**	**1999**			
Neurovestibular Adaptation; Muscle Alterations & Atrophy	Animal	Effects of Microgravity on Postnatal Motor Development	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**		
Neurovestibular Adaptation	Animal	Effects of Space Flight on Drosophila Neural Development	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**		
Neurovestibular Adaptation	Animal	Effects of Weightlessness on the Avian Visuo-Vestibular System: Immunohistochemical Analysis	**1995**	**1996**	**1997**	**1998**	**1999**			
Neurovestibular Adaptation	Animal	Effects of Weightlessness on Vestibular Development	**1995**							
Neurovestibular Adaptation	Animal	Effects of Weightlessness on Vestibular Development in Quail		**1996**	**1997**	**1998**				
Neurovestibular Adaptation	Animal	Effects of Weightlessness on Vestibular Development in Rat Pups		**1996**	**1997**	**1998**				
Neurovestibular Adaptation	Animal	Ensemble Neural Coding of Place and Direction in Zero-G	**1995**	**1996**	**1997**	**1998**				
Neurovestibular Adaptation	Animal	Functional Development in a Model Vestibular System		**1996**	**1997**	**1998**	**1999**			
Neurovestibular Adaptation	Animal	Microgravity Effects on Developing Vestibular Afferents	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**		
Neurovestibular Adaptation	Animal	Multidisciplinary Studies of Neural Plasticity in Space	**1995**	**1996**	**1997**	**1998**	**1999**			
Neurovestibular Adaptation	Animal	Multidisciplinary Studies of Synaptic Placticity in Space-Flown Rats						**2000**		
Neurovestibular Adaptation	Animal	Neuronal Development Under Conditions of Space Flight	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**		
Neurovestibular Adaptation	Animal	Reduced Gravity: Effects in the Developing Nervous System	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**		
Neurovestibular Adaptation	Animal	Space Flight, Stress, and Neuronal Plasticity	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**		
Neurovestibular Adaptation	Animal	Spaceflight Effects of Mammalian Development	**1995**	**1996**	**1997**	**1998**				
Neurovestibular Adaptation	Animal	The Effect of Space Flight on Rodent Ocular Tissues	**1995**							
Neurovestibular Adaptation	Human	Adaptation to Linear Acceleration in Space (Atlas) - Spatial Orientation of Vestibulo-Occular Reflex and of Velocity Storage		**1996**	**1997**	**1998**	**1999**	**2000**		
Neurovestibular Adaptation	Human	Alterations in Postural Equilibrium Control Associated with Long Duration Space Flight	**1995**	**1996**						
Neurovestibular Adaptation; Cardiovascular Alterations; Multi-system (Cross Risk) Alterations	Human	Autonomic Neurophysiology in Microgravity	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**
Neurovestibular Adaptation; Clinical Capabilities	Human	Bioavailability and Performance Effects of Promethazine During Space Flight			**1997**	**1998**	**1999**			
Neurovestibular Adaptation; Clinical Capabilities	Human	Bioavailability and Performance Effects of Promethazine During Spaceflight								**2002**
Neurovestibular Adaptation	Human	Canal and Otolith Integration Studies (COIS	**1995**	**1996**	**1997**	**1998**				
Neurovestibular Adaptation	Human	Correlation of Disconjugate Eye Torsion with the Time Course of the Space Adaptation Syndrome		**1996**	**1997**	**1998**				
Neurovestibular Adaptation	Human	Eye Movements and Motion Perception Induced by Off-Vertical Axis Rotation (OVAR) at Small Angles of Tilt After Spaceflight					**1999**	**2000**		
Neurovestibular Adaptation	Human	Human Orientation and Sensory-Motor Coordination in Prolonged Weightlessness			**1997**	**1998**	**1999**	**2000**	**2001**	**2002**
Neurovestibular Adaptation	Human	Influence of Sensory Integration on the Neural Processing of Gravito-Inertial Cues						**2000**	**2001**	**2002**
Neurovestibular Adaptation; Clinical Capabilities	Human	Promoting Sensorimotor Response Generalizability During Inflight Treadmill Exercise: A Countermeasure to Mitigate Locomotor Dysfunction After Long-Duration Space Flight; Promoting Sensorimotor Response Generalizability: A Countermeasure to Mitigate Locomotor Dysfunction After Long- Duration Spaceflight					**1999**	**2000**	**2001**	**2002**
Neurovestibular Adaptation; Muscle Alterations & Atrophy	Human	Relationship of Long-Term Electromyographic (EMG) Activity and Hormonal Function to Muscle Atrophy and Performance	**1995**	**1996**	**1997**	**1998**				
Neurovestibular Adaptation	Human	Role of Visual Cues in Microgravity Spatial Orientation; Role of Visual Cues in Spatial Orientation	**1995**	**1996**	**1997**	**1998**	**1999**			
Human Behavior & Performance; Neurovestibular Adaptation	Human	Sleep and Vestibular Adaptation	**1995**	**1996**	**1997**	**1998**	**1999**			
Neurovestibular Adaptation	Human	Spatial Orientation of Vestibulo-Occular Reflex and Velocity Storage	**1995**							
Neurovestibular Adaptation	Human	Spatial Reorientation of Sensorimotor Balance Control in Altered Gravity					**1999**	**2000**	**2001**	**2002**
Neurovestibular Adaptation	Human	The Effects of Long Duration Space Flight on Gaze Control	**1995**	**1996**						
Neurovestibular Adaptation; Human Behavior & Performance	Human	The Effects of Long-Duration Space Flight on Eye, Head & Trunk Coordination During Locomotion	**1995**	**1996**	**1997**	**1998**	**1999**			
Neurovestibular Adaptation; Clinical Capabilities; Cardiovascular Alterations	Human	Validation of Centrifugation as a Countermeasure for Otolith Deconditioning During Space Flight						**2000**	**2001**	**2002**
Neurovestibular Adaptation	Human	Velocity Storage In Space: Adaptation of Optokinetic Nystagmus and After-Nystagmus to Microgravity	**1995**	**1996**						
Neurovestibular Adaptation; Human Behavior & Performance	Human	Visual-Vestibular Mediated Gaze and Head-Eye Control in Altered Gravitoinertial Environments				**1998**	**1999**	**2000**		